

Curriculum Vitae

Name: Prof. Dr. Seif Eldawla Mustafa Barakat
Nationality: Sudanese
Date of Birth: 27.1.1951
Marital status: Married with three children
Religion: Muslim
Language: Arabic – Mother Tongue
English – Fluent
Address: Sudan University of Science and Technology
College of Veterinary Medicine and Animal Production
Khartoum North (Hilat Kuku)
P.O. Box: 204
Tel: 249-85-380136
Fax: 249-85-380136
Mobile: 0912393179
E-mail: Seifbaraka@yahoo.com

Qualifications:

- B. V. Sc. 1975 University of Khartoum – Sudan
- M. V. Sc 1979 (Veterinary Pathology) University of Khartoum – Sudan, Title: Toxicological studies on Aristolochia bractcata and cissus quadrangularis.
- Ph. D. 1986 (Clinical Pathology) University of Liverpool – United Kingdom. Title: (The Use of Enzymes as Indicators of Experimentally Induced Liver, Kidney or Lung Lesion in Calves Sheep, Horse).
- Certificate of Departmental Management February 1989, the North East Wales institute of Higher Education England.
- Training Course in Programme Development, Programme Evaluation and Curriculum Development (1990), Assinobione Community College, University of Brandon, Canada.
- Training Course in Teaching Methodology January 1988, Arranged by Khartoum Polytechnic Link with North East Wales institute – England.
- Training Course in the use of Computer (Introduction and Stata) – Statistical Package January 2002. Department of Extension &

Developmental Studies College of Veterinary Medicine and Animal Production.

- International Computer Driving License (ICDL) and Electronic Learning Course. Computer Centre, Sudan University of Science and Technology. March, 2004.

Administrative and Other Relevant Activities:

1- Ministry of Agriculture & Animal Resources:

- 1975- 1976** Veterinary officer Neshishiba Animal Production Resarch Centre, Medani, Gezira Province.
- 1976 – 1977** Veterinary Surgeon – Khartoum Veterinary Hospital.
- 1977 – 1979** Post gradate student, Faculty of Veterinary Medicine, University of Khartoum

2- Khartoum Polytechnic – Sudan University of Science and Technology:

- a- Lecturer, College of Agricultural Studies (CAS) 1979 – 1983.
- b- Member of the College Board 1979 – 1983.
- c- Member of the Academic Council 1979 – 1983.
- d- Representative of Veterinary and Animal Husbandry Technician Institute (VAHTI) in the committee of the Dutch aid to Sudan, Ministry of Planning, Republic of Sudan 1987.
- e- Head of Veterinary and Animal Production Technicians Section 1988 – 1990.
- f- Member, committee of curriculum development 1989 – 1990.
- g- Chairman, committee for proposing BSC degree programme in Animal Production 1990.
- h- Member, committee for proposing BSc. degree programme in Veterinary Medicine and Surgery 1998.
- i- Member, committee for proposing MSc. degree programme in Veterinary Surgery.
- j- Refereed scientific papers for Journal of Sciences & Technology.
- k- Promoted Associate Professor in Veterinary Pathology, 1992.
- l- Head, section of Veterinary Medicine & Animal Production 2002.
- m- Member, Academic committee, 2002.
- n- Member, Senate, - Sudan University of Science and Technology 2002 – to Date.

- o- Member, committee of Assessment and Accreditation Sudan University of Science and Technology.
- p- Dean College of Veterinary Medicine and Animal Production 2002 – to Date.
- q- Member, committee for establishment of Animal Production College, University of Wadi El Neil (2004).
- r- Member, committee for establishment of college of Veterinary Sciences, University of West Kordofan.
- s- Assessor of the programmes of Animal Production and Veterinary Sciences, University of Upper Nile, Malakal (2005).
- t- Member, Arca Net-work – Consortium Supported by the German Academic Exchange Service (DAAD).
- u- Chairman, committee for establishment of the International Centre for Research and Development of Camels Under the Patronage of Prince Sultan Bin Abdulaziz Al Saud. University of Qassim, College of Agriculture and Veterinary Medicine Kingdom of Saudi Arabia.

Teaching:

Undergraduate Courses:

- 1977 – 1979** Practical classes to semifinal & final students in Veterinary Pathology & Clinical Studies, Faculty of Veterinary Sciences, University of Khartoum.
- 1979 – 1983** Teaching theoretical and practical classes in Anatomy & Physiology of Farm Animals to 1st year, Diploma Students, College of Agricultural Studies, Department of Veterinary & Animal Production, Khartoum Polytechnic.
- 1981 – 1982** Teaching Veterinary Anatomy Course to 1st year Students, College of Natural Resources, University of JUBA.
- 1983 – 1986** Participated in teaching practical classes to semifinal students Veterinary Pathology - Including – Necropsy (Post-mortem techniques – description of lesion) Faculty of Veterinary Science, University of Liverpool.
- 1987 – 1988** Teaching Physiology course to 2nd year Students, Faculty of Veterinary Science, University of BHRELGAZAL.

- 1987 – 1990** Teaching Veterinary Pathology & Infectious Diseases, to 3rd Year Students, Veterinary & Animal Husbandry – Diploma Student – College of Animal Production Science & Technology, Sudan University of Science & Technology.
- 1992 – 2000** Teaching Anatomy & Physiology of Farm Animals to 1st Year Students, Animal Production, Section and Wildlife & Fisheries Section, College of Veterinary Medicine and Animal Production, Sudan University of Science and Technology.
- 2002 – to Date** Teaching General, Pathology and Systemic Pathology to 3rd Year Students, Veterinary Medicine & Surgery Section, College of Veterinary Medicine and Animal Production, Sudan University of Science and Technology.

Post – graduate Courses:

- i- Haematology – post graduate Diploma Course College of Veterinary Medicine and Animal Production.
- ii- Advanced Surgical Pathology M.VSc Veterinary Surgery Course, College of Veterinary Medicine and Animal Production 2000 – 2002.

Professional Memberships:

- 1- Member of Sudan Veterinary Association.
- 2- Member of Sudanese Veterinary Trade union.
- 3- Member of Sudan Veterinary Council.
- 4- Member of the committee of Agricultural, Veterinary, Natural Resources & Environmental Studies, National Council for Higher Education, Ministry of Higher Educating.

Visits and Conferences:

Visited the following colleges and research institutes:

- a- University of Saskatchewan – Canada 1990.
- b- University of Guelph – Ontario – Canada 1990.
- c- Veterinary Infectious Disease Organization (VIDO) – Canada 1990.
- d- Red River community College Weinipeg – Canada.
- e- Faculty of Veterinary Sciences, University of London. Faculty of Veterinary Sciences – University of Bristol 1975.

Attended and Actively Participated in the following Conferences and Seminars:

- a- Agricultural and Animal Production In Khartoum State January 1992.
- b- 13th Veterinary Conference on the Rehabilitation Development of Animal Resources December 1988, Sudan Veterinary Association.
- c- Arab Veterinary Conference Khartoum March 1998, Role of Veterinarians in 21st Century.
- d- Seminar on Privatization of Veterinary Services Ministry of Agriculture, Animal Resources, and Irrigation Khartoum State December 2001.
- e- The 3rd Scientific Conference, Science and Technology in Development, National Centre for Research, April 1999.
- f- Meeting of African Deans of Colleges of Veterinary Medicine, Addis. Ababa 2004
- g- International Alumni Summer School 2005 Conflicts, Conflict Prevention & Resolution coping Strategies & Natural Resources 21.8 – 3.9 2005. Humboldt. University – Berlin – Germany.
- h- ARCA-Net International Workshop December 2005 in Arusha, United Republic of Tanzania. The Nexus of Natural Resources and Violent Conflicts in Sub-Saharan Africa.
- i- The international Scientific Conference on Camels 9 – 11 May 2006. Kingdom of Saudi Arabia, Qassim University, College of Agriculture and Veterinary Medicine Saudi Arabia.

Technical Reports, Proposals and Research Projects:

- Proposal for Bilateral Agreement to Improve Training for Animal Production and Animal Health Technicians at Kuku Presented to Canadian International Development Agency (CIDA) Barakat S.E.M. (1990).
- Department of Veterinary and Animal Husbandry Technicians – Kuku- A. Report. Presented to the Workshop on Curriculum Development (VAHTL) (OCT. (1989).
- Nile Valley Initiative for Joint Graduate Programmes Between Frei University of Berlin, Makerere University (Uganda), University of Addis Abbaba, Sudan University, and Khartoum University.

Submitted to EDULINK PROGRAMME Brussels (2005) By Prof. Bawman, M., Kabasa, J., Ejobi. F., Barakat S.E.M. and Elmalik. K.,

- Capacity Building of Middle Supporting Staff in the Livestock Sector in Southern Sudan Submitted to the Islamic Bank – Jeddah. Dec. 2006. By Dr. S.E.M. Barakat.
- Abu Ragiba Syndrome in Nhr Elneil State.

Investigators:

Dr. Amel Omer Bakheit.

Dr. Seif Eldawla Barakat.

Dr. Ahmed Gammal.

Dr. Mohamed Abd Elsalam.

Funded By: The Central Research Committee, Sudan University of Science and Technology and Nhr. Elneil State Government.

Under Execussion.

- A comparative Study of Normal Values of Cerebrospinal, Peritoneal and Synovial Fluids with that of blood in Different Species of Domestic Animals.

Investigators:

Dr. Shadia Abd Alatti.

Dr. Seif Eldawla Barakat.

Submitted for Funding to the Research Council Sudan University of Science and Technology June (2007).

Currently engaged in writing the following Scientific papers:

1- Barakat et. al. 2007

Evaluation of Renal Function in Milking Cows By Routine Analysis of urine.

2- Barakat et. al. 2007

Toxicity of Convulvulus arvensis to Awasi Sheep.

3- Barakat et. al. 2007

Effects of feeding Garlic on the Performance and Immunity of Broilers.

Text Books:

Currently Engaged in Translating to Arabic an American Text Book. Title:

Anatomy & Physiology of Farm Animals – By R. D. FRANASON-Lea & Febiger. Philadelphin.

Publications:

- Barakat, S. E.** Wasfi, I. A., Adam, S. E. I. The Toxicity of Aristolochia bracteata in goats. Vet. Pathol. 20:611-616.(1983)
- Barakat, S. E.** Adam, S. E. I. & Wasfi. A. I. Effects of Cissus quadrangularis in Goats & Sheep in Sudan. Rev. Elev. Med. Vet. Pays trop., 83 (2) 16 16 (183 – 194) (1985).
- Eiderdiri, N. I. **Barakat, S. E.** Adam, S. E. I., The Combined Toxicity of Aristolochia Baracteata and Rotundifolia to Goats. Vet. & Hum. Toxicol., 29 (2) (1987) (133-137).
- Barakat, S. E.**, Ford, E. J. H., Further studies on the diagnostic value of gamma-glutamyl transpeptidase & 5-nucleotidas in Cattle, Sheep and Horses. Res. Vet. Sci. (1988) 44, 354-360.
- Barakat, S. E.**, (1997) Agricultural Animal Production in East Nile Province Status qua and the way to better Future. Agriculture Congress, East Nile Province.
- Barakat, S. E.**, Fadlalla, I. M. T., The Effects of an Aqueous Extract of the Seeds of Aristolochia bracteata on Mice, Guinea Pigs and Rabbits. 11th Scientific Congress, (2004). Fac. Vet. Med. Assiut Univ. Egypt.
- Barakat, S. E.**, Yassin, O. E. Impact of Conflicts and Crises on Natural Recourses in Sudan. International Alumni Summer School (2005) Humboldt – University Zu Berlin Faculty of Agriculture and Horticulture.
- Barakat, S. E.**, Fadlalla, I. M. T., and Bakheit A. O., Comparative Study on the Activity of 5-nucleotidase and Gamma glutamyle Transfer in some Tissues of Donkeys, Calves, and Goats (The Effect of Freezing and Thawing). Assiut Vet. Med. J. 52 (108) (2006).
- Barakat, S. E.M.** and Fadlalla I.M.T. Some Properties of Various Fractions of the Seeds of Aristolochia bracteata. Assiut. Vet. Med. J. Vol. 109 April (2006).
- Barakat, S. E.**, Yassin, O. E., Conflicts and crises Impact on Animal Resources in the Sudan .ARCA-Net International Workshop (2005) Arusha, United Republic of Tanzania.
- AL Bowait, M.E., **Barakat. S.E.M.**, AL-Nazawi, M. E., Barri, Homeida A., Effects of Convolvulus arvensis (Binweed on the activity of Drug Metabolizing Enzymes in Liver of Rats . Journal of Animal and Veterinary Advances 5 (9) 729-731. (2006).

- Barakat S.E.M.,** Turkey, I. Y., EL Basheir, S.M. Ali, S.A., & Omer, S. A., Comparison of Some Blood Constituents In Stabled and Grazing Camels, (Camelus-Dromedarius) in Sudan Journal of Science and Technology. Vol. 8 (2) June 2007.
- Barakat, S. E.M.** Albahnasawi, N., Clinical and Serobiochemical studies on pregnancy toxemia in Shamia Goats. Journal of Animal and Veterinary Advances. 6(6): 768-772, 2007.
- Barakat, S. E.M.** Mohamed H. A., The effect of Experimental Lung Lesion on the activity of 5-NT and GGT in Plasma of Calves. Assuit Vet. Med. J. 53 No. 113 April 2007.
- Ali, S.A., Omer, S.A., EL Basheir S. M., Turkey, I. Y., & **Barakat, S.E.M.** Comparison of Some Blood Biochemical Constituents in Stabled and Grazing Camels , (Camelus-Dromedarius) In Sudan Journal of Science and Technology. Under Assessment.

Supervission of Post- Graduate Students:

Supervisor and Co Supervisor of M. Sc. And Ph. D. Students:

- 1- Studies on cattle Hides Production Problems and their economic impact on leather industry. Ph. D. (2005). Candidate Salah Mohamed Mokhtar.
- 2- Clinical and Sero-biochemical Studies on Pregnancy Toxaemia in Shamia Goats M. Sc. (2006).
Candidate Nedal Mohamed Albahnasawi.
- 3- Immunotoxicity of Convolvulus arvensis (Binweed) in Rats and Sheep. Ph. D. (2007) .
Candidate: Mohamed Essa Al Bawait
- 4- Toxicoligical Studies on the Traditional Medicines used in the Treatment of Skin Diseases in camel. Ph.D. Under processing
Candidate: Adam Ibrahim Ali Osman Under Processing.